



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

FLAKINESS GAUGE - ISI MARKED - EIE MAKE



Compliance with following International Standards:

IS : 2386 (PART-1) - (1963)

Purpose:

Used to determine the percentage of particles in a coarse aggregate material that have a thickness (smallest dimension) of less than one-half of the nominal size. Particle is flaky when its thickness (smallest dimension) is less than 0.6 of the mid-size of the sieve fraction.

Significance & Use:

Aggregates which are flaky and/or elongated will often lower the workability of a concrete mix and may also affect long term durability. In bituminous mixtures, flaky aggregate makes for a harsh mix and may also crack and break up during compaction by rolling.

Construction Details:

1. It consists of a CRC Sheet frame with M.S. sliding panel.
2. The panel has slots, which are accurately cut, in standard different length and width.
3. Gauge has seven labeled slots for rapid hand trying of particles from each of the seven sieve cuts.
4. Having following Normal Aperture size as per India Standard : 63, 50, 40, 31.5, 25, 20, 16, 12.5, 10, 6.3 mm

Note : Electronic Weighing Balance and Test Sieves as per Table 5 of IS:2386 Part I are essential Items to perform the test and will be available at extra cost

Technical Specification

- Overall Dimensions in Inches (L x W x H) : 17x 6x 0.5
- Weight (Approx.) : 0.930 Kgs Approx.

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